

a satellite gear rotatably supported by said carrier;  
first and second coaxial gears in mesh with said satellite gear;  
said carrier is coaxial to said first and second gears;  
said satellite gear is an enveloping worm and first and second gears are mating gears with said enveloping worm;  
said first and second gears have axis of rotation intersecting axis of rotation of said enveloping worm.

19. Epicyclic gear train as recited in claim 18 wherein said enveloping worm has threads with less than one revolution.

20. Epicyclic gear train, comprising:

a rotating carrier;  
a satellite gear rotatably supported by said carrier;  
first and second coaxial gears in mesh with said satellite gear;  
said carrier is coaxial to said first and second gears;  
said satellite gear is an enveloping worm and first and second gears are mating gears with said enveloping worm;  
said first and second gears have axis of rotation parallel to axis of rotation of said enveloping worm.

21. Epicyclic gear train as recited in claim 20 wherein said enveloping worm has threads with less than one revolution.

22. Epicyclic gear train, comprising:

a rotating carrier;  
first and second coaxial satellite gears rotatably supported by said carrier;  
first and second coaxial gears in mesh with said satellite gears;  
said carrier is coaxial to said first and second gears;  
said first satellite gear is an enveloping worm;  
said second satellite gear is an enveloping worm;  
said first gear is a mating gear with said first enveloping worm;  
said second gear is a mating gear with second enveloping worm.

23. Epicyclic gear train as recited in claim 22 wherein said enveloping worm has threads with less than one revolution.